# GOVERNMENT OF INDIA
# WATER RESOURCES
# LOK SABHA

UNSTARRED QUESTION NO:3883
ANSWERED ON:25.08.2011
LEAKAGES FROM DAMS
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**Will the Minister of WATER RESOURCES be pleased to state:**

(a) whether there is any leakage of water from various dams for the last three years;

(b) if so, the details including the life period of those dams fixed during the construction period,State-wise; and

(c) the steps taken to construct new dams to replace the old dams?

## Answer

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES & MINORITY AFFAIRS ( SHRI VINCENT H. PALA )

(a) Seepage for the dams upto a permissible limit is a normal phenomenon. The project authorities collect information about leakage/seepage of water from most of the dams and take remedial measures in case of seepage in excess of permissible limits. However, few large dams have been reported to the National Committee on Dam Safety (NCDS) with leakage of water through them. Their details are given below:-

| Sl.No | Name of Dam | State | Year of construction | purpose of project |
|---|---|---|---|---|
| 1 | Kohira | Bihar | 1962 | Irrigation |
| 2. | Chandia | Madhya Pradesh | 1926 | Irrigation |
| 3. | Ranjit Sagar | Punjab | 1999 | Irrigation and Flood Control |
| 4. | Maudaha | Uttar Pradesh | 2003 | Irrigation |
| 5. | Maro | Uttar Pradesh | 1975 | Irrigation |

(b) As per Bureau of Indian Standards (BIS) 12182 the feasible service time of irrigation and hydropower projects shall not be less than 100 and 70 years respectively.

(c) A decision to replace a dam cannot be taken only on the basis of seepage through the dam. Such a situation may arise only if all avenues to restore the safety of the dam as well as functional capability of the dam have been exhausted. All possible alternatives need to be examined by the State Governments/owners of the dam from techno-economic considerations. Irrigation being State subject, Irrigation projects are planned, executed and funded by the State Governments as per their own priorities.